

Claims

I claim:

1. An incinerator for burning combustible material comprising:
 - a burn container for holding combustible materials,
 - a first material fill opening near an upward portion of said burn container,
 - a lid covering said first material fill opening such that said burn container is closed except for an exhaust and a controlled air plenum,
 - a blower motor controlling a flow of air into said first container through said air plenum,
 - a pre-fill chamber mounted adjacent a second opening in said upper portion of said burn container,
 - a third opening in said pre-fill chamber such that said second and said third openings are aligned when said pre-fill chamber is mounted on said incinerator such that combustible material can pass from said pre-fill chamber through said second and third openings into the upper portion of said burn container while said lid is closed.
2. The incinerator as recited in Claim 1, wherein said burn container has a barrel shape.
3. The incinerator as recited in Claim 1, wherein said pre-fill chamber includes a door over said third opening and a manual plunger to force material from said pre-fill chamber through said third opening.
4. The incinerator as recited in Claim 3, wherein said door is normally held closed but is forced open when said manual plunger forces material through said third opening.
5. An incinerator for burning combustible materials comprising:
 - a burn container for holding materials,
 - a first material fill opening near an upper end portion of said burn container,
 - wherein said burn container is closed except for an exhaust,
 - an air plenum,

a pre-fill chamber adjacent a second opening, said second opening in said lid,
a third opening, said third opening in said pre-fill chamber such that said second
and said third openings are aligned in sealing relationship when said pre-fill chamber is
mounted on said incinerator such that combustible material can pass from said pre-fill
chamber through said second and third opening into the upper end portion of said burn
container while said lid is closed.

6. The incinerator as recited in Claim 5, wherein the burn container has a cylindrical
shape.

7. The incinerator as recited in Claim 5, wherein said pre-fill chamber is removable
and includes a first door over said third opening and a plunger to force material from
said pre-fill chamber through said third opening.

8. The incinerator as recited in Claim 7, wherein said second opening includes a
second door that automatically closes when said pre-fill chamber is removed from said
burn container.

9. The incinerator as recited in Claim 8, wherein said first door is normally held
closed but is forced open when said plunger forces material through said second and
said third openings.

10. A pre-fill chamber for use in combination with an incinerator, said pre-fill chamber
comprising:

a material container,
an opening covered by a door,
a plunger operable to force open said door and to force material contained in
said container through said opening,
means to position said pre-fill chamber on a lid of an incinerator,
means allowing said pre-fill chamber to be filled with a combustible material.

11. A combination pre-fill chamber and incinerator lid, said combination comprising:
a pre-fill chamber mountable adjacent a first opening in said lid,
a second opening, said second opening in said pre-fill chamber such that said
first and second opening are aligned in sealing relationship when said pre-fill chamber
is mounted on said incinerator lid such that combustible material can pass from said

pre-fill chamber through said first and second opening.

12. The combination as recited in Claim 11, wherein a portion of said pre-fill chamber passes through said first opening when said pre-fill chamber is mounted on said lid.

13. The combination as recited in Claim 12, wherein said pre-fill chamber includes a plunger operable to force material from said pre-fill chamber through said second opening.

14. The combination as recited in Claim 13, wherein said second opening is covered by a hinged door.

15. The combination as recited in Claim 13, including a side door in said pre-fill chamber, said side door allowing combustible material to be placed in said pre-fill chamber prior to said pre-fill chamber being mounted on said lid.

16. The combination as recited in Claim 15, wherein said lid includes an exhaust for an incinerator and latches to attach said incinerator lid to said incinerator.

17. An incinerator for burning combustible material comprising:

- a burn container for holding combustible materials,

- a first material fill opening near an upper portion of said burn container,

- a lid covering said first material fill opening such that said burn container is closed except for an exhaust and a controlled air plenum,

- a blower motor controlling a flow of air into said first container through said air plenum,

- a second opening, said second opening in said lid,

- a closure covering said second opening,

- a removable pre-fill chamber adapted to hold combustible material,

- said closure hinged to open upon inserting an end of said pre-fill chamber into said second opening such that said burn container remains closed upon insertion of said end of said pre-fill chamber.

18. A method of incinerating combustible material including the steps of:

- starting a fire within a container,

- closing said container with a lid,

filling a pre-fill chamber with combustible material,
aligning at least a portion of said pre-fill chamber with an opening on said lid,
pushing from said pre-fill chamber said combustible material through said
opening and into said fire.

19. The method as recited in Claim 18, wherein said step of starting said fire includes a step of supplying air to said fire through a plenum.

20. The method as recited in Claim 18, wherein said step of aligning includes sealing said portion of said pre-fill chamber against said lid.

21. An incinerator for burning combustible material comprising:

a burn container for holding combustible materials,

a first material fill opening near an upward portion of said burn container,

a lid covering said first material fill opening such that said burn container is

closed except for an exhaust and a controlled air plenum, a blower motor controlling a
flow of air into said first container through said air plenum,

a second opening near an upward portion of said burn container,

a closure covering said second opening,

wherein the closure automatically closes when material is no longer being

inserted into the second opening.

22. The incinerator as recited in Claim 21, wherein the closure having a waited end.

23. The incinerator as recited in Claim 21, wherein the closure plate is pivotally
attached to an edge disposed adjacent to the second opening defining a pivot point,
wherein the closure plate pivots on the pivot point to an open position or a closed
position.